

PATENT & TRADEMARK OFFICE

## PTO Form 1449

**Group Art Unit**  
2881

**EXAMINER  
INITIALS**

**REF**

**DOCUMENT NUMBER**

DATE \_\_\_\_\_

NAME \_\_\_\_\_

## CLASS

SUB-CLASS

FILING DATE  
(IF APPROPRIATE)

6,014,396	01/11/00	Osinski et al.
4,689,797	08/25/87	Olshansky
4,783,788	11/08/88	Gordon
5,574,743	11/12/96	van der Poel et al.
4,349,905	09/14/82	Ackley
4,791,649	12/13/88	Yamamoto et al.
5,200,969	04/06/93	Paoli
4,942,585	07/17/90	Ungar
4,961,197	10/02/90	Tanaka et al.
5,960,020	09/28/99	Nagai
5,309,465	05/03/94	Antreasyan et al.
4,251,780	02/17/81	Scifres et al.
5,940,422	08/17/99	Johnson

**EXAMINER  
INITIALS**

REF

**DOCUMENT NUMBER**

DATE \_\_\_\_\_

COUNTRY

## CLASS

SUB-CLASS

## TRANSLATION

**YES**

**NO**

Welch, D.F. et al., High power, AlGaAs buried heterostructure lasers with flared waveguides, Appl. Phys. Lett. 50(5), 2 february 1987, pg. 233.

Sagawa, M. et al., High-power and highly-reliable operation of 0.98-um lasers with an exponential-shaped flared stripe, LEOS 1996, Boston, pg. 42.

Examiner:

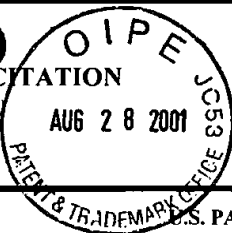
Date Considered:

Armando Rodriguez

9-23-02

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)  
P1252

Application Number  
09/518,421

Applicant(s)  
Victor Rossin et al.

Filing Date  
March 3, 2000

Group Art Unit

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>NR</i>	AA	4,349,905	9/14/1982	Ackley	372	46	7/22/1980
<i>NR</i>	AB	4,783,788	11/8/1988	Gordon	372	45	12/16/1985
<i>NR</i>	AC	6,058,128	5/2/2000	Ventrudo	372	96	3/25/1996
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED  
AUG 30 2001  
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## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<i>NR</i>	AL	02020089	1/23/1990	Japan	H01S 3	18		✓
	AM	09307181	11/28/1997	Japan	H01S 3	18		✓
	AN	2000200940	7/18/2000	Japan	H01S 5	065		✓
	AO	EP 1 052 747 A2	11/15/2000				✓	
<i>NR</i>	AP	WO 00/48276	8/17/2000		H01S 5	00	✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>NR</i>	AQ	Takemasa Tamanuki, Tatsuya Sasaki and Mitsuhiro Kitamura: "High Power and Narrow Lateral Far Field Divergence 1.5um-Eye-Safe Pulse Laser Diodes with Flared Waveguide," Hokkaido, MAY 9-13, 1995, New York, IEEE, US, vol. CONF. 7, 9 May 1995 (1995-05-09), pp. 725-728.
<i>NR</i>	AR	"High-Power and Fundamental-Mode Oscillating Flared SBA Lasers" Electronics Letters 24 (1988) 1st Sept., No. 18, Stevenage, Herts., Gr. Britain, pp. 1182-1183.

EXAMINER

*Armando Rodriguez*

DATE CONSIDERED

*9-23-02*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.